

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
WHITESIDE COUNTY --- 0.7 N ERIE [41.66, -90.08]				
	04/06/13 20:02 CST		0	Hail (0.75 in)
	04/06/13 20:02 CST		0	Source: Trained Spotter
Penny sized hail fell for about 5 minutes around 902 pm CDT April 6. This was associated with the second storm of the day.				
HENRY COUNTY --- 0.5 E GALVA [41.17, -90.04]				
	04/06/13 20:35 CST		0	Hail (0.88 in)
	04/06/13 20:35 CST		0	Source: Emergency Manager
Dime to nickel sized hail fell in Galva, IL between 930 pm and 935 pm April 6.				
Non severe hail fell in parts of northwest Illinois during the evening of April 6.				
WHITESIDE COUNTY --- 0.7 S STERLING ARPT [41.74, -89.68]				
	04/10/13 05:10 CST		0	Thunderstorm Wind (MG 58 kt)
	04/10/13 05:10 CST		0	Source: AWOS
A 67 mph wind gust was measured by the AWOS site at the Sterling Rock Falls Airport at 610 am CDT April 10. The airport is located about 2 miles south southeast of Rock Falls, IL.				
A 67 mph wind gust was measured by the AWOS site at the Sterling Rock Falls Airport at 610 am CDT April 10. The airport is located about 2 miles south southeast of Rock Falls, IL.				
WARREN COUNTY --- 1.4 S YOUNGSTOWN [40.65, -90.62]				
	04/17/13 06:12 CST		0	Hail (1.00 in)
	04/17/13 06:12 CST		0	Source: Trained Spotter
Quarter sized hail fell 1 mile south of Youngstown, IL around 712 am CDT April 17.				
WHITESIDE COUNTY --- 0.5 E FULTON [41.87, -90.16]				
	04/17/13 07:40 CST		0	Hail (0.75 in)
	04/17/13 07:40 CST		0	Source: Trained Spotter
CARROLL COUNTY --- 5.7 WNW MARCUS [42.19, -90.27], 3.2 NNE SHANNON [42.19, -89.70], 2.6 SSW HAZELHURST [41.94, -89.70], 2.4 S THOMSON [41.94, -90.10]				
	04/17/13 11:30 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/17/13 17:00 CST		0	Source: Emergency Manager
Several rounds of heavy rains resulted in some flash flooding of much of Carroll County during the afternoon hours of April 17.				
MERCER COUNTY --- NEW BOSTON [41.17, -91.00]				
	04/17/13 11:50 CST		0	Hail (0.75 in)
	04/17/13 11:50 CST		0	Source: Public
HENRY COUNTY --- 3.1 W ALPHA [41.20, -90.44]				
	04/17/13 12:44 CST		0	Hail (0.75 in)
	04/17/13 12:44 CST		0	Source: Trained Spotter
HENRY COUNTY --- 0.7 N KEWANEE [41.24, -89.93]				
	04/17/13 13:37 CST		0	Hail (0.75 in)
	04/17/13 13:37 CST		0	Source: Public
HANCOCK COUNTY --- 0.5 E BOWEN [40.23, -91.06]				
	04/17/13 13:40 CST		0	Hail (0.88 in)
	04/17/13 13:40 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HANCOCK COUNTY --- 0.5 E BOWEN [40.23, -91.06]				
	04/17/13 13:42 CST		0	Hail (1.00 in)
	04/17/13 13:42 CST		0	Source: Trained Spotter
Quarter sized hail fell in Bowen, IL at 242 pm CDT April 17.				
MCDONOUGH COUNTY --- 2.1 SSW COLMAR [40.32, -90.91]				
	04/17/13 13:43 CST		0	Hail (0.88 in)
	04/17/13 13:43 CST		0	Source: Trained Spotter
MCDONOUGH COUNTY --- 1.1 W FANDON [40.37, -90.79]				
	04/17/13 13:45 CST		0	Hail (1.00 in)
	04/17/13 13:45 CST		0	Source: Emergency Manager
Quarter sized hail fell 4 miles south of Colchester, IL at 245 pm CDT April 17.				
MCDONOUGH COUNTY --- 2.1 SSE COLCHESTER [40.40, -90.79]				
	04/17/13 13:46 CST		0	Hail (0.88 in)
	04/17/13 13:46 CST		0	Source: Trained Spotter
MCDONOUGH COUNTY --- 1.3 ENE ARGYLE LAKE SP [40.46, -90.76]				
	04/17/13 13:55 CST		0	Hail (1.00 in)
	04/17/13 13:55 CST		0	Source: Trained Spotter
Quarter sized hail fell 4 miles west southwest of Macomb, IL at 255 pm CDT April 17.				
MCDONOUGH COUNTY --- 0.5 W MACOMB [40.47, -90.68]				
	04/17/13 13:58 CST		0	Hail (0.75 in)
	04/17/13 13:58 CST		0	Source: Trained Spotter
MCDONOUGH COUNTY --- 0.7 S COLCHESTER [40.42, -90.80]				
	04/17/13 13:58 CST		0	Hail (0.75 in)
	04/17/13 13:58 CST		0	Source: Trained Spotter
MCDONOUGH COUNTY --- 6.1 NNW BLANDINSVILLE [40.63, -90.90], 0.7 NNE PRAIRIE CITY [40.63, -90.45], 8.9 ESE INDUSTRY [40.27, -90.45], 4.5 S COLMAR [40.28, -90.91]				
	04/17/13 14:00 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 08:00 CST		0	Source: Trained Spotter
Several rounds of heavy rain-producing showers and thunderstorms resulted in flash flooding across much of Mc Donough County from mid afternoon on April 17 through the morning of April 18.				
HANCOCK COUNTY --- 0.5 E BOWEN [40.23, -91.06]				
	04/17/13 14:26 CST		0	Hail (1.00 in)
	04/17/13 14:26 CST		0	Source: Trained Spotter
Quarter sized hail fell in Bowen, IL at 326 pm CDT April 17.				
HANCOCK COUNTY --- 5.2 NE LA HARPE [40.64, -90.91], 3.3 SE AUGUSTA [40.19, -90.91], 8.0 W TIOGA [40.20, -91.50], 1.6 W NAUVOO [40.55, -91.41], 1.1 NW NIOTA [40.63, -91.30], 1.7 WNW PONTOOSUC [40.64, -91.23]				
	04/17/13 14:30 CST		0.25M	Flood (due to Heavy Rain)
	04/18/13 11:00 CST		0	Source: Law Enforcement
Several rounds of heavy rains fell across Hancock County resulting in flash flooding across much of the county during the afternoon of April 17 through the morning of April 18.				
HENDERSON COUNTY --- 3.0 NNW BIG RIVER ST FOREST [41.07, -90.94], 4.7 NE BALD BLUFF [41.07, -90.79], 4.4 SSE RARITAN [40.64, -90.79], 5.9 WSW LOMAX [40.64, -91.17], 0.7 W GULFPORT [40.82, -91.09], 3.3 NNW LONE TREE [40.88, -91.04], 0.7 NNW OQUAWKA [40.94, -90.95]				
	04/17/13 14:30 CST		0.25M	Flood (due to Heavy Rain)
	04/18/13 11:00 CST		0	Source: Law Enforcement

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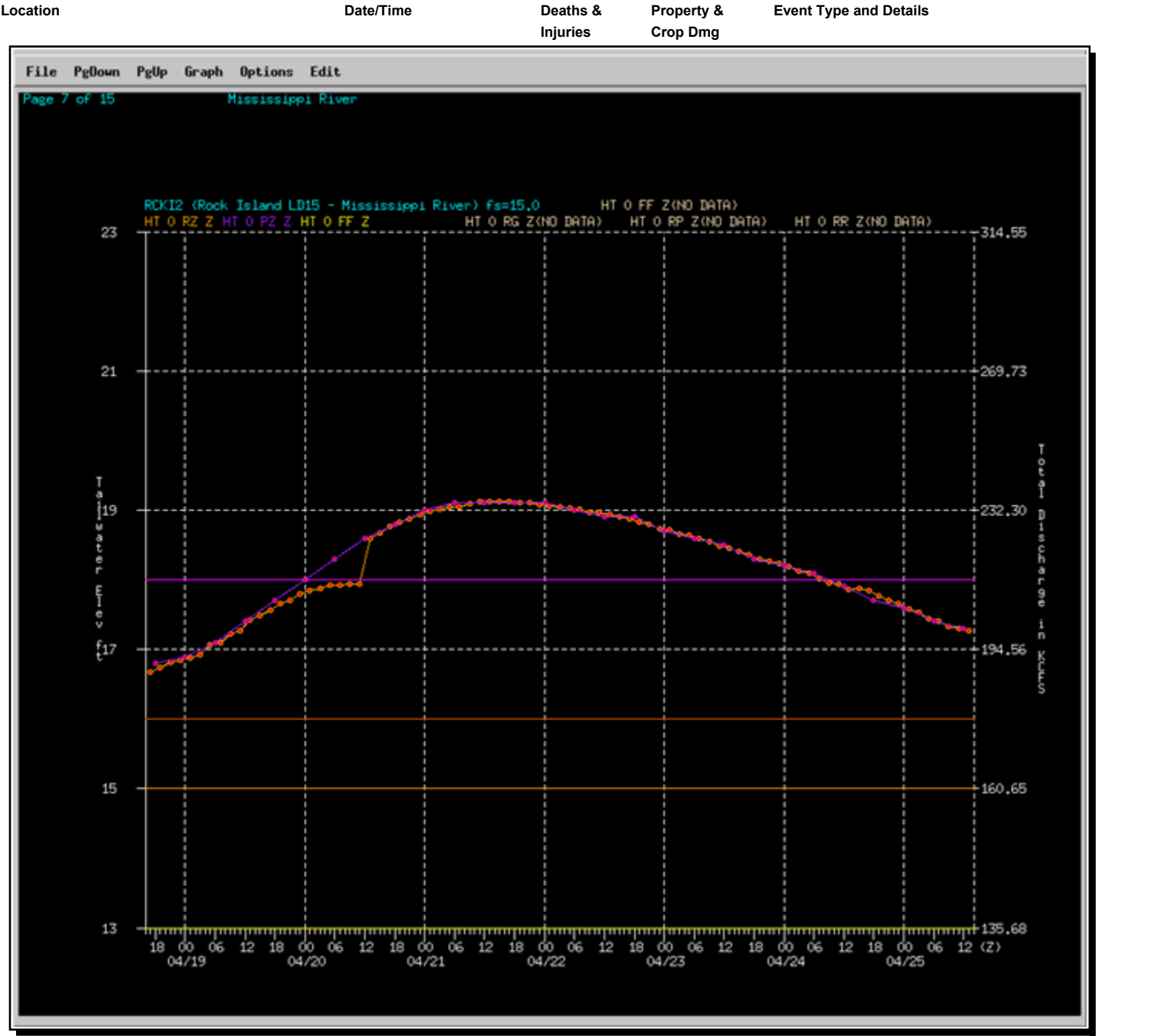
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several rounds of heavy rains fell across much of Henderson County from the afternoon of April 17 through the morning of April 18.				
HANCOCK COUNTY --- 2.5 ENE BENTLEY [40.37, -91.08]				
	04/17/13 14:31 CST		0	Hail (0.75 in)
	04/17/13 14:31 CST		0	Source: Trained Spotter
HANCOCK COUNTY --- 0.7 N AUGUSTA [40.24, -90.95]				
	04/17/13 14:40 CST		0	Hail (1.00 in)
	04/17/13 14:40 CST		0	Source: Trained Spotter
Quarter sized hail fell in Augusta, IL at 340 pm CDT April 17.				
HANCOCK COUNTY --- AUGUSTA [40.23, -90.95]				
	04/17/13 15:00 CST		0	Hail (1.00 in)
	04/17/13 15:00 CST		0	Source: Other Federal Agency
Quarter sized hail fell at the Post Office in Augusta, IL around 400 pm CDT April 17. This report was relayed by the COOP observer in Augusta.				
MCDONOUGH COUNTY --- 2.2 WSW INDUSTRY [40.32, -90.64]				
	04/17/13 15:11 CST		0	Hail (0.75 in)
	04/17/13 15:11 CST		0	Source: Trained Spotter
HANCOCK COUNTY --- AUGUSTA [40.23, -90.95]				
	04/17/13 15:44 CST		0	Hail (0.88 in)
	04/17/13 15:44 CST		0	Source: COOP Observer
An upper level disturbance tracked over northern Missouri and Iowa April 17th and 18th bringing several rounds of showers and thunderstorms to the region. Heavy rains of 3 to 7 inches were recorded over the 48 hour period. This resulted in widespread flash flooding. Some of the stronger storms produced large up to quarter sized.				
HANCOCK COUNTY --- 2.8 S BURNSIDE [40.46, -91.11], 11.7 E FOUNTAIN GREEN [40.46, -90.75], 6.8 E PLYMOUTH [40.28, -90.79], 0.5 E PLYMOUTH [40.28, -90.91]				
	04/18/13 05:20 CST		0	Flood (due to Heavy Rain)
	04/21/13 06:20 CST		0	Source: River/Stream Gage
MCDONOUGH COUNTY --- 13.4 NW COLMAR [40.46, -91.11], 1.7 ENE ARGYLE LAKE SP [40.46, -90.75], 6.3 S FANDON [40.28, -90.79], 4.9 S COLMAR [40.28, -90.91]				
	04/18/13 05:20 CST		0	Flood (due to Heavy Rain)
	04/21/13 06:20 CST		0	Source: River/Stream Gage
HENRY COUNTY --- 3.3 NW WARNER [41.45, -90.43], 1.7 NW COLONA [41.50, -90.37], 5.8 SSE HOOPPOLE [41.50, -89.86], 3.2 ESE ANNAWAN [41.39, -89.86], 2.1 E GENESEO [41.45, -90.11]				
	04/18/13 12:05 CST		0	Flood (due to Heavy Rain)
	04/18/13 15:05 CST		0	Source: River/Stream Gage
ROCK ISLAND COUNTY --- 2.9 WSW ROCK IS [41.48, -90.63], 15.3 NE HILLSDALE [41.75, -89.93], 12.4 E HILLSDALE [41.63, -89.93], 4.7 E COAL VLY [41.43, -90.38], 3.2 WNW OAK GROVE [41.43, -90.63]				
	04/18/13 13:30 CST		0	Flood (due to Heavy Rain)
	04/28/13 16:10 CST		0	Source: River/Stream Gage
HANCOCK COUNTY --- 63.0 N DALLAS CITY [41.54, -91.10], 71.3 NNE DISCO [41.54, -90.40], 3.0 NNW SUTTER [40.32, -91.35], 7.2 WSW WARSAW [40.32, -91.56]				
	04/18/13 14:00 CST		0	Flood (due to Heavy Rain)
	04/29/13 00:00 CST		0	Source: River/Stream Gage
WHITESIDE COUNTY --- 2.1 NNW ERIE [41.68, -90.09], 2.9 SE PENROSE [41.85, -89.63], 2.0 E YEOWARD ADDITION [41.75, -89.63], 3.5 SW SPRING HILL [41.58, -90.09]				
	04/18/13 14:40 CST		0	Flood (due to Heavy Rain)
	04/22/13 21:15 CST		0	Source: River/Stream Gage

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HENDERSON COUNTY --- 36.5 NNW BIG RIVER ST FOREST [41.54, -91.10], 42.9 NNE BALD BLUFF [41.54, -90.40], 28.9 SSW LOMAX [40.32, -91.35], 35.8 SW LOMAX [40.32, -91.56]				
	04/18/13 19:45 CST		0	Flood (due to Heavy Rain)
	04/29/13 00:00 CST		0	Source: River/Stream Gage
MERCER COUNTY --- 17.9 NNW ELIZA [41.54, -91.10], 16.1 NNE SHERRARD [41.54, -90.40], 58.2 SSW KEITHSBURG [40.32, -91.35], 63.2 SSW KEITHSBURG [40.32, -91.56]				
	04/19/13 02:00 CST		0	Flood (due to Heavy Rain)
	04/27/13 05:00 CST		0	Source: River/Stream Gage
HENRY COUNTY --- 3.7 WNW GREEN ROCK [41.50, -90.43], 11.2 NW HOOPPOLE [41.67, -90.09], 7.4 NNW HOOPPOLE [41.67, -89.97], 2.3 SSW SHADY BEACH [41.50, -90.22]				
	04/19/13 10:10 CST		0	Flood (due to Heavy Rain)
	04/26/13 07:55 CST		0	Source: River/Stream Gage
ROCK ISLAND COUNTY --- 14.2 NW ILLINOIS CITY [41.54, -91.10], 0.7 N BABCOCK ADDITION [41.54, -90.40], 74.5 SSW BUFFALO PRAIRIE [40.32, -91.35], 79.0 SSW BUFFALO PRAIRIE [40.32, -91.56]				
	04/19/13 18:00 CST		0	Flood (due to Heavy Rain)
	04/26/13 03:00 CST		0	Source: River/Stream Gage

Heavy rains of 3 to 7 inches that fell across Eastern Iowa, Northwest Illinois, and Northeast Missouri on April 17th and 18th resulted in major river flooding on several area tributary rivers as well as parts of the Mississippi River during the last two weeks of April.

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Hydrograph of the Mississippi River at Rock Island

(IL-Z015) ROCK ISLAND				
	04/18/13 14:25 CST	0		High Wind (MAX 54 kt)
	04/18/13 14:25 CST	0		
A 62 mph wind gust was measured by the ASOS site at the Quad City Airport in Moline, IL at 325 pm CDT April 18.				
STEPHENSON COUNTY --- 0.5 W ORANGEVILLE [42.47, -89.64]				
	04/29/13 12:29 CST	0		Hail (0.88 in)
	04/29/13 12:29 CST	0		Source: Emergency Manager
JO DAVIESS COUNTY --- 4.8 N MENOMINEE [42.49, -90.53]				
	04/29/13 19:42 CST	0		Hail (1.00 in)
	04/29/13 19:42 CST	0		Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Quarter sized hail fell in Menominee, IL around 842 pm CDT April 29.

A cold front sparked a few showers and thunderstorms just north and south of the Highway 20 corridor on April 29th. Ahead of the front, temperatures in the upper 70s and lower 80s were found across Eastern Iowa, Northwest Illinois and Northeast Missouri, as strong south winds brought warm air into the region. One storm was severe in Northwest Illinois producing quarter sized hail in Menominee, IL.

IOWA, East Central and Southeast

LINN COUNTY --- 2.3 SSW CEDAR RAPIDS [41.97, -91.67]

04/09/13 01:15 CST	0	Hail (0.75 in)
04/09/13 01:15 CST	0	Source: Trained Spotter

LINN COUNTY --- 0.9 NE CEDAR RAPIDS [42.01, -91.64]

04/09/13 01:17 CST	0	Hail (1.00 in)
04/09/13 01:17 CST	0	Source: Trained Spotter

Quarter sized hail fell 3 miles north northeast of Cedar Rapids at 217 am April 9.

LINN COUNTY --- 2.3 SSW CEDAR RAPIDS [41.97, -91.67]

04/09/13 01:18 CST	0	Hail (0.75 in)
04/09/13 01:18 CST	0	Source: Trained Spotter

BENTON COUNTY --- 0.7 S BELLE PLAINE [41.89, -92.28]

04/09/13 01:41 CST	0	Hail (1.25 in)
04/09/13 01:41 CST	0	Source: Trained Spotter

Half dollar sized hail fell 1 mile south southwest of Belle Plaine, IA at 241 am CDT April 9.

JACKSON COUNTY --- 2.1 NW SOUTH GARRY OWEN [42.25, -90.83]

04/09/13 04:31 CST	0	Hail (0.88 in)
04/09/13 04:31 CST	0	Source: Trained Spotter

A disturbance moved across Iowa during the evening of April 8th and early morning of April 9th, spreading showers and thunderstorms north of a warm front along Highway 34. A few of the storms produced hail larger than the size of a quarter.

SCOTT COUNTY --- 3.0 NNW PANORAMA PARK [41.59, -90.49]

04/10/13 04:30 CST	25K	Lightning
04/10/13 04:30 CST	0	Source: Newspaper

Lightning struck a home at 6659 Eagle Ridge RD in Bettendorf, IA around 530 am CDT April 10 causing a fire. Damage was estimated to be about 25,000 dollars.

Lightning struck a home at 6659 Eagle Ridge RD in Bettendorf, IA around 530 am CDT April 10 causing a fire. Damage was estimated to be about 25,000 dollars.

JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]

04/17/13 04:04 CST	0	Hail (0.88 in)
04/17/13 04:04 CST	0	Source: 911 Call Center

MUSCATINE COUNTY --- CONESVILLE [41.38, -91.35]

04/17/13 05:45 CST	0	Hail (0.88 in)
04/17/13 05:45 CST	0	Source: Public

JOHNSON COUNTY --- 0.9 SE IOWA CITY [41.66, -91.54]

04/17/13 09:02 CST	0	Hail (0.75 in)
04/17/13 09:02 CST	0	Source: Public

JOHNSON COUNTY --- 1.4 S NORTH LIBERTY [41.73, -91.62]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/17/13 09:22 CST		0	Hail (1.00 in)
	04/17/13 09:22 CST		0	Source: Trained Spotter
Quarter sized hail fell 1 mile south southwest of North Liberty, IA at 1022 am CDT April 17.				
JOHNSON COUNTY --- 6.7 W SWISHER [41.86, -91.83], 7.9 ENE SOLON [41.86, -91.37], 5.2 SE LONE TREE [41.42, -91.37], 4.9 SSW LONE TREE [41.42, -91.48], 2.7 WNW RIVER JCT [41.51, -91.55], 2.9 WSW AMISH [41.51, -91.83]				
	04/17/13 09:30 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 03:00 CST		0	Source: Law Enforcement
Several rounds of heavy rain fell across Johnson County resulting in flash flooding of much of the county from the mid morning of April 17 through the early morning of April 18.				
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				
	04/17/13 09:30 CST		0	Hail (1.00 in)
	04/17/13 09:30 CST		0	Source: COOP Observer
Quarter sized hail fell in Washington, IA around 1030 am CDT April 17.				
WASHINGTON COUNTY --- 6.3 WNW WELLMAN [41.51, -91.94], 5.4 ENE RIVERSIDE [41.51, -91.50], 7.2 ESE RIVERSIDE [41.42, -91.48], 5.2 SE CRAWFORDSVILLE [41.16, -91.49], 1.4 SW CLAY [41.16, -91.95]				
	04/17/13 09:30 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 03:00 CST		0	Source: Trained Spotter
Several rounds of heavy rain resulted in flash flooding across much of Washington County from the mid morning of April 17 through the early morning of April 18.				
JOHNSON COUNTY --- 0.9 NW TIFFIN [41.71, -91.68]				
	04/17/13 09:31 CST		0	Hail (0.75 in)
	04/17/13 09:31 CST		0	Source: Public
JEFFERSON COUNTY --- 1.0 E PLEASANT PLAIN [41.15, -91.86]				
	04/17/13 09:44 CST		0	Hail (1.00 in)
	04/17/13 09:44 CST		0	Source: Trained Spotter
Quarter sized hail fell in Pleasant Plain, IA at 1044 am CDT April 17.				
WASHINGTON COUNTY --- 4.2 NW NOBLE [41.21, -91.69]				
	04/17/13 09:48 CST		0	Hail (1.00 in)
	04/17/13 09:48 CST		0	Source: Trained Spotter
Quarter sized hail fell 6 miles south of Washington, IA around 1048 am CDT April 17.				
WASHINGTON COUNTY --- 5.3 SSE WEST CHESTER [41.26, -91.79]				
	04/17/13 09:51 CST		0	Hail (0.88 in)
	04/17/13 09:51 CST		0	Source: Trained Spotter
CEDAR COUNTY --- 0.9 NE LOWDEN [41.86, -90.92]				
	04/17/13 10:05 CST		0	Hail (0.75 in)
	04/17/13 10:05 CST		0	Source: COOP Observer
CEDAR COUNTY --- 5.9 WNW MECHANICSVILLE [41.95, -91.37], 2.4 NE MASSILLON [41.95, -90.90], 1.1 ESE DURANT [41.60, -90.90], 1.7 SSW DOWNEY [41.60, -91.37]				
	04/17/13 10:30 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 03:00 CST		0	Source: COOP Observer
Several rounds of heavy rains resulted in flash flooding across much of Cedar County from mid morning April 17 through the early morning April 18.				
JEFFERSON COUNTY --- 1.0 W FAIRFIELD [41.00, -92.00]				
	04/17/13 10:41 CST		0	Hail (0.75 in)
	04/17/13 10:41 CST		0	Source: Trained Spotter

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VAN BUREN COUNTY --- 2.5 NW SELMA [40.90, -92.18], 2.7 NE MORRIS PARK [40.90, -91.72], 2.8 SE INDIAN LAKE PARK [40.60, -91.72], 1.6 SE INDIAN LAKE PARK [40.61, -91.73], 4.8 S MILTON [40.60, -92.18]				
	04/17/13 12:15 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/17/13 17:45 CST		0	Source: Emergency Manager
Several rounds of heavy rains resulted in flash flooding across much of Van Buren County during the afternoon of April 17.				
JONES COUNTY --- 9.5 WNW MONTICELLO [42.30, -91.36], 6.1 NE TEMPLE HILL [42.29, -90.90], 2.3 SE OXFORD MILLS [41.95, -90.90], 5.0 S MARTELLE [41.95, -91.37]				
	04/17/13 19:00 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 02:50 CST		0	Source: Trained Spotter
Several rounds of heavy rains resulted in flash flooding across much of Jones County from the evening of April 17 through the early morning of April 18.				
LINN COUNTY --- 1.3 N WALKER [42.30, -91.83], 5.4 NNE PRAIRIEBURG [42.30, -91.36], 4.2 S LISBON [41.86, -91.37], 4.8 SSW FAIRFAX [41.86, -91.83]				
	04/17/13 19:00 CST		0.25M	Flash Flood (due to Heavy Rain)
	04/18/13 02:30 CST		0	Source: Trained Spotter
Several rounds of heavy rain resulted in flash flooding across much of Linn County from the mid evening of April 17 through the early morning of April 18.				
KEOKUK COUNTY --- 0.7 N RICHLAND [41.19, -92.00]				
	04/17/13 20:10 CST		0	Thunderstorm Wind (EG 61 kt)
	04/17/13 20:10 CST		0	Source: Law Enforcement
Law enforcement estimated a wind speed of 70 mph or 61 knots in Richland.				
An upper level disturbance tracked over Iowa and northern Missouri April 17th and 18th, bringing several rounds of showers and thunderstorms to the region. Heavy rains of 3 to 7 inches were recorded over the 48 hour period. This resulted in widespread flash flooding. Some of the stronger storms also produced large hail and wind gusts over 60 mph.				
WASHINGTON COUNTY --- 6.7 WNW WELLMAN [41.51, -91.95], 5.6 ENE RIVERSIDE [41.51, -91.50], 5.6 ESE RIVERSIDE [41.45, -91.50], 6.2 WSW WELLMAN [41.45, -91.95]				
	04/17/13 21:55 CST		0	Flood (due to Heavy Rain)
	04/20/13 15:00 CST		0	Source: River/Stream Gage
CLINTON COUNTY --- 3.6 NNW TORONTO [41.95, -90.90], 4.1 E FOLLETT [41.75, -90.30], 0.5 E CAMANCHE [41.67, -90.34], 4.5 SW BIG ROCK [41.73, -90.90]				
	04/18/13 04:15 CST		0	Flood (due to Heavy Rain)
	04/26/13 02:30 CST		0	Source: River/Stream Gage
SCOTT COUNTY --- 15.1 NNW DIXON [41.95, -90.90], 4.1 E FOLLETT [41.75, -90.30], 0.5 E CAMANCHE [41.67, -90.34], 1.2 NW NEW LIBERTY [41.73, -90.90]				
	04/18/13 04:15 CST		0	Flood (due to Heavy Rain)
	04/26/13 02:30 CST		0	Source: River/Stream Gage
KEOKUK COUNTY --- 1.7 SSW COAL CREEK [41.41, -92.41], 2.8 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK [41.20, -92.41]				
	04/18/13 06:20 CST		0	Flood (due to Heavy Rain)
	04/20/13 17:25 CST		0	Source: River/Stream Gage
LEE COUNTY --- 7.1 WNW CROTON [40.61, -91.81], 2.6 NE CROTON [40.61, -91.65], 0.9 SW KEOKUK [40.39, -91.39], 7.8 SW KEOKUK [40.31, -91.47]				
	04/18/13 06:50 CST		0	Flood (due to Heavy Rain)
	04/19/13 15:25 CST		0	Source: River/Stream Gage
JOHNSON COUNTY --- 2.6 W HILLS [41.55, -91.60], 3.1 E HILLS [41.55, -91.49], 9.7 SSE LONE TREE [41.35, -91.36], 9.2 SSW LONE TREE [41.35, -91.47]				
	04/18/13 07:40 CST		0	Flood (due to Heavy Rain)
	04/20/13 22:10 CST		0	Source: River/Stream Gage

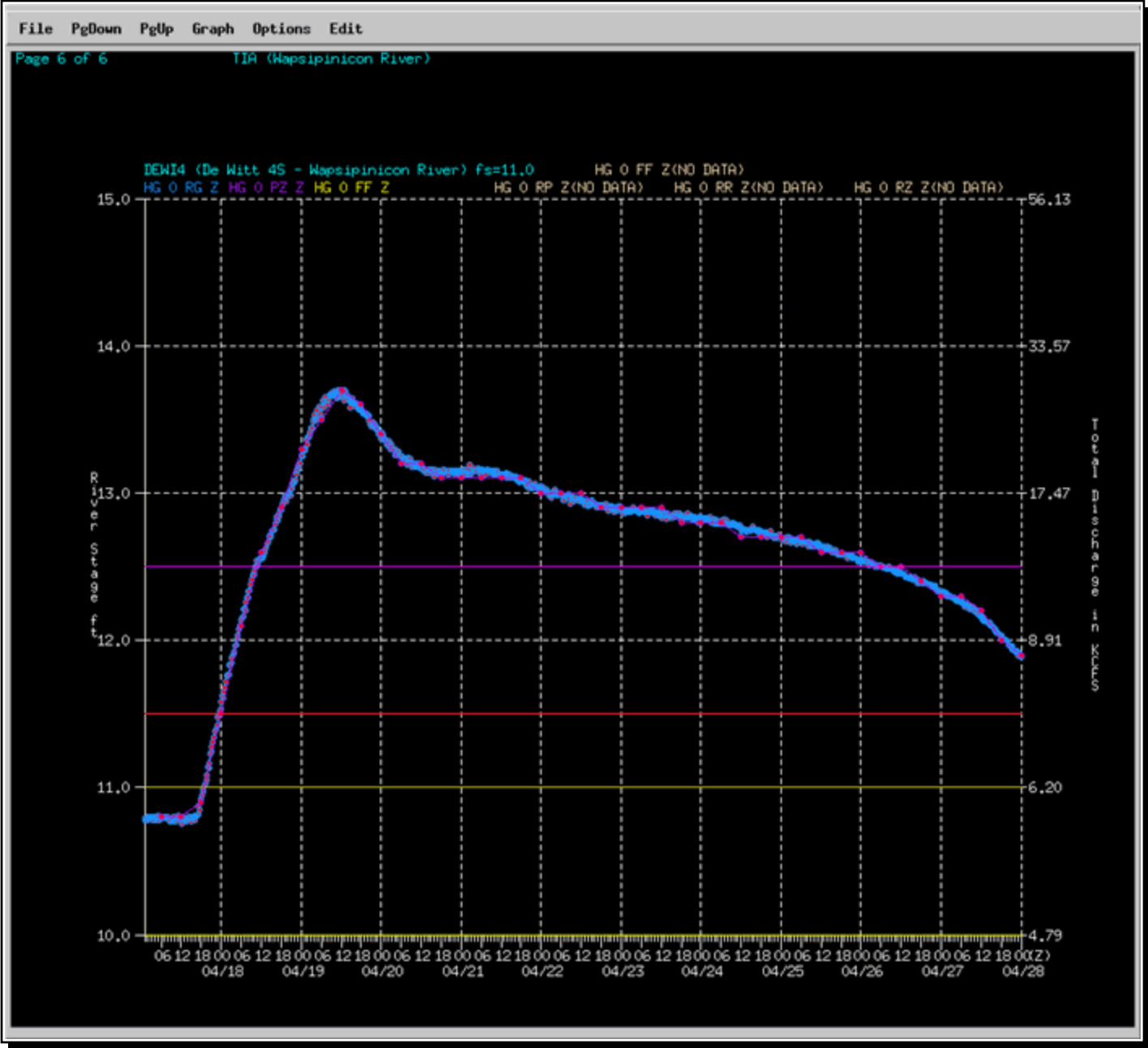
Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LOUISA COUNTY --- 14.7 NNW GLADWIN [41.55, -91.60], 12.6 N GLADWIN [41.55, -91.49], 4.9 ESE GLADWIN [41.35, -91.36], 1.7 SW GLADWIN [41.35, -91.47]				
	04/18/13 07:40 CST		0	Flood (due to Heavy Rain)
	04/20/13 22:10 CST		0	Source: River/Stream Gage
WASHINGTON COUNTY --- 4.8 N RIVERSIDE [41.55, -91.60], 7.5 NE RIVERSIDE [41.55, -91.49], 9.9 E HASKINS [41.35, -91.36], 4.4 ENE HASKINS [41.35, -91.47]				
	04/18/13 07:40 CST		0	Flood (due to Heavy Rain)
	04/20/13 22:10 CST		0	Source: River/Stream Gage
VAN BUREN COUNTY --- 6.1 NNW SELMA [40.95, -92.20], 3.6 NNE FARMINGTON [40.70, -91.71], 5.9 SSE INDIAN LAKE PARK [40.55, -91.71], 5.5 SSW SELMA [40.80, -92.20]				
	04/18/13 12:50 CST		0	Flood (due to Heavy Rain)
	04/18/13 22:20 CST		0	Source: River/Stream Gage
LEE COUNTY --- 55.3 N SOUTH AUGUSTA [41.54, -91.10], 70.9 NE SOUTH AUGUSTA [41.54, -90.40], 5.8 SSE KEOKUK [40.32, -91.35], 10.7 SSW MOOAR [40.32, -91.56]				
	04/18/13 14:00 CST		0	Flood (due to Heavy Rain)
	04/29/13 00:00 CST		0	Source: River/Stream Gage
LOUISA COUNTY --- 1.7 SW GLADWIN [41.35, -91.47], 4.9 ESE GLADWIN [41.35, -91.36], 2.8 N WAPELLO [41.22, -91.19], 3.2 NNE CAIRO [41.22, -91.30]				
	04/18/13 21:20 CST		0	Flood (due to Heavy Rain)
	04/21/13 10:40 CST		0	Source: River/Stream Gage
DES MOINES COUNTY --- 32.5 N NORTHFIELD [41.54, -91.10], 48.1 NE HURON [41.54, -90.40], 29.9 S AUGUSTA [40.32, -91.35], 33.1 SSW AUGUSTA [40.32, -91.56]				
	04/19/13 02:25 CST		0	Flood (due to Heavy Rain)
	04/29/13 00:00 CST		0	Source: River/Stream Gage
LOUISA COUNTY --- 0.9 SE COLUMBUS CITY [41.26, -91.37], 4.9 ESE GRANDVIEW [41.26, -91.11], 5.6 ESE OAKVILLE [41.07, -90.95], 0.7 S NEWPORT [41.07, -91.18]				
	04/19/13 03:20 CST		0	Flood (due to Heavy Rain)
	04/21/13 17:50 CST		0	Source: River/Stream Gage
DES MOINES COUNTY --- 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING GROVE [40.71, -91.11], 5.3 SSE SPRING GROVE [40.66, -91.11]				
	04/19/13 08:40 CST		0	Flood (due to Heavy Rain)
	04/22/13 19:40 CST		0	Source: River/Stream Gage
LEE COUNTY --- 5.5 ENE ST PAUL [40.81, -91.43], 5.6 N DENMARK [40.81, -91.35], 6.3 E WEVER [40.71, -91.11], 7.5 ESE WEVER [40.66, -91.11]				
	04/19/13 08:40 CST		0	Flood (due to Heavy Rain)
	04/22/13 19:40 CST		0	Source: River/Stream Gage
LOUISA COUNTY --- 16.0 NNE LETTS [41.54, -91.10], 44.0 NE TOOLESBORO [41.54, -90.40], 53.3 S NEWPORT [40.32, -91.35], 54.8 S MARSH [40.32, -91.56]				
	04/19/13 12:20 CST		0	Flood (due to Heavy Rain)
	04/27/13 04:30 CST		0	Source: River/Stream Gage
SCOTT COUNTY --- 16.8 W WALCOTT [41.54, -91.10], 2.6 SE PLEASANT VLY [41.54, -90.40], 84.5 SSW BUFFALO [40.32, -91.35], 89.3 SSW BUFFALO [40.32, -91.56]				
	04/19/13 18:00 CST		0	Flood (due to Heavy Rain)
	04/24/13 15:30 CST		0	Source: River/Stream Gage
MUSCATINE COUNTY --- 3.0 SSW MOSCOW [41.54, -91.10], 22.3 ENE MONTPELIER [41.54, -90.40], 72.1 S FRUITLAND [40.32, -91.35], 74.1 S CONESVILLE [40.32, -91.56]				
	04/19/13 19:40 CST		0	Flood (due to Heavy Rain)
	04/26/13 03:00 CST		0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy rains of 3 to 7 inches that fell across Eastern Iowa, Northwest Illinois, and Northeast Missouri on April 17th and 18th resulted in major river flooding on several area tributary rivers as well as parts of the Mississippi River during the last two weeks of April.



Hydrograph of the Wapsipicon River near DeWitt

DELAWARE COUNTY --- RYAN [42.35, -91.48]	04/29/13 09:00 CST	0	Hail (1.00 in)
	04/29/13 09:00 CST	0	Source: Emergency Manager
Quarter sized hail fell in Ryan, IA near Highway 13 at 1000 am CDT April 29.			
DELAWARE COUNTY --- 5.6 N SAND SPG [42.40, -91.16]	04/29/13 09:31 CST	0	Hail (0.75 in)
	04/29/13 09:31 CST	0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BUCHANAN COUNTY --- 5.2 SW AURORA [42.56, -91.80]				
	04/29/13 09:37 CST		0	Hail (1.00 in)
	04/29/13 09:37 CST		0	Source: Law Enforcement
Quarter sized hail fell about 5 miles southwest of Aurora, IA near the intersection of 155th St. and Olympic Ave. at 1037 am CDT April 29. The hail covered the ground.				
BUCHANAN COUNTY --- 4.8 S AURORA [42.55, -91.73]				
	04/29/13 09:45 CST		0	Hail (1.50 in)
	04/29/13 09:45 CST		0	Source: Trained Spotter
Ping pong ball sized hail fell about 5 miles south of Aurora, IA around 1045 am CDT April 29. Most of the hail was pea sized.				
BUCHANAN COUNTY --- AURORA [42.62, -91.73], 0.8 SSE AURORA [42.61, -91.73]				
	04/29/13 09:48 CST		0	Hail (1.00 in)
	04/29/13 09:48 CST		0	Source: Law Enforcement
Quarter sized hail fell in and about 1 mile south of Aurora, IA at 1048 am CDT April 29.				
DELAWARE COUNTY --- 4.6 NNE MANCHESTER ARPT [42.56, -91.46]				
	04/29/13 10:11 CST		0	Hail (0.88 in)
	04/29/13 10:11 CST		0	Source: Emergency Manager
DELAWARE COUNTY --- 0.9 NE GREELEY [42.59, -91.34]				
	04/29/13 10:20 CST		0	Hail (0.88 in)
	04/29/13 10:20 CST		0	Source: Emergency Manager
DUBUQUE COUNTY --- 2.5 W ASBURY [42.52, -90.80]				
	04/29/13 11:02 CST		0	Hail (1.00 in)
	04/29/13 11:02 CST		0	Source: Trained Spotter
Quarter sized hail fell about 6 miles west of Dubuque, IA at 1202 pm CDT April 29.				
DUBUQUE COUNTY --- 2.0 W ASBURY [42.52, -90.79]				
	04/29/13 11:09 CST		0	Hail (0.75 in)
	04/29/13 11:09 CST		0	Source: Trained Spotter
DUBUQUE COUNTY --- 1.2 NW CENTER GROVE [42.51, -90.72]				
	04/29/13 11:10 CST		0	Hail (1.00 in)
	04/29/13 11:10 CST		0	Source: Trained Spotter
Quarter sized hail fell about 2 miles west northwest of Dubuque, IA at 1210 pm CDT April 29.				
DUBUQUE COUNTY --- 1.0 E ASBURY [42.52, -90.73]				
	04/29/13 11:11 CST		0	Hail (1.00 in)
	04/29/13 11:11 CST		0	Source: Trained Spotter
Quarter sized hail fell about 2 miles west northwest of Dubuque, IA at 1211 pm CDT April 29.				
DUBUQUE COUNTY --- 1.7 ENE ASBURY [42.53, -90.72]				
	04/29/13 11:12 CST		0	Hail (0.75 in)
	04/29/13 11:12 CST		0	Source: Trained Spotter
JACKSON COUNTY --- 1.2 SW LA MOTTE [42.29, -90.64]				
	04/29/13 19:15 CST		0	Hail (0.75 in)
	04/29/13 19:15 CST		0	Source: Trained Spotter
DUBUQUE COUNTY --- 2.3 SSE (DBQ)DUBUQUE MUNI AR [42.37, -90.70]				

Storm Data and Unusual Weather Phenomena - April 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/29/13 19:24 CST		0	Hail (2.00 in)
	04/29/13 19:24 CST		0	Source: Trained Spotter

Two inch diameter hail fell 2 miles south southeast of the Dubuque Regional Airport, IA around 824 pm CDT April 29.

DUBUQUE COUNTY --- 1.2 SE (DBQ)DUBUQUE MUNI AR [42.39, -90.70]

04/29/13 19:26 CST	0	Hail (1.50 in)
04/29/13 19:26 CST	0	Source: Trained Spotter

Ping pong sized hail fell 1 mile southeast of Dubuque Regional Airport, IA around 826 pm CDT April 29.

DUBUQUE COUNTY --- 2.0 E (DBQ)DUBUQUE MUNI AR [42.40, -90.68]

04/29/13 19:26 CST	0	Hail (1.75 in)
04/29/13 19:26 CST	0	Source: Emergency Manager

Golf ball sized hail fell 2 miles east of the Dubuque Regional Airport, IA around 826 pm CDT April 29.

DUBUQUE COUNTY --- 1.4 S KEY WEST [42.43, -90.68]

04/29/13 19:30 CST	0	Hail (2.50 in)
04/29/13 19:30 CST	0	Source: Emergency Manager

Tennis ball sized hail fell 3 miles northeast of the Dubuque Regional Airport, IA around 830 pm CDT April 29.

A cold front sparked a few showers and thunderstorms just north and south of the Highway 20 corridor on April 29th. Ahead of the front, temperatures in the upper 70s and lower 80s were found across eastern Iowa, northwest Illinois and northeast Missouri, as strong south winds brought warm air into the region. Some of the storms were severe, producing hail up to the size of a tennis ball.

DELAWARE COUNTY --- DUNDEE [42.58, -91.55]

04/30/13 00:43 CST	0	Hail (0.88 in)
04/30/13 00:43 CST	0	Source: Emergency Manager

Non-severe hail fell in Delaware County on April 30th.

MISSOURI, Northeast

CLARK COUNTY --- 3.0 NW ANSON [40.61, -91.81], 3.3 NE ATHENS [40.61, -91.65], 4.4 ENE ALEXANDRIA [40.39, -91.39], 2.6 NE GREGORY LNDG [40.31, -91.47]

04/18/13 06:50 CST	0	Flood (due to Heavy Rain)
04/19/13 15:25 CST	0	Source: River/Stream Gage

CLARK COUNTY --- 2.1 N ALEXANDRIA [40.40, -91.47], 9.2 ENE ALEXANDRIA [40.40, -91.30], 7.2 ESE ALEXANDRIA [40.32, -91.35], 3.2 E WINCHESTER [40.32, -91.56]

04/18/13 14:00 CST	0	Flood (due to Heavy Rain)
04/26/13 18:00 CST	0	Source: River/Stream Gage

Heavy rains of 3 to 7 inches that fell across Eastern Iowa, Northwest Illinois, and Northeast Missouri on April 17th and 18th resulted in major river flooding on several area tributary rivers as well as parts of the Mississippi River during the last two weeks of April.

Storm Data and Unusual Weather Phenomena - April 2013



Hydrograph of the Mississippi River at Keokuk